Product name:	Product code:
Bottle Drop Impact Tester for Stretch Blown PET Containers	CMI-IND-0261

Description

Drop test rig that drops filled PET bottles from set heights onto a concrete or steel plate. Used for validating bottle design and base petaloid geometry.

Technical specification

- Bottle cradles
- Plate
- Air hose

Bottles are filled, capped and conditioned, then dropped in a set orientation to see if they leak or burst. The height at which 50 percent fail can be found by the staircase method. Data feeds bottle lightweighting decisions.

Features

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- Drop height 0.3 to 2 m
- Orientation control
- Pneumatic release
- Digital height scale
- Safety cage

Technical Specifications

Test Standards	ASTM D2463, ASTM D5276
Drop Height	0.3 to 2.0 m
Accuracy	+/- 5 mm
Bottle Size	Up to 5 litre
Impact Surface	Steel plate
Release	Pneumatic
Controller	Digital
Power	230 V AC, air 6 bar

Standard Accessories